

Swanson Lakes Protocol: Data form and details

Habitat Point Data Form – Swanson Lakes Wildlife Area (Wetlands)				
Observer:				
e-mail:		Phone 1:		Phone 2:
Additional observers:				
Day:		Month:		Year:
Time:				
Accuracy (meters):				
Specific location (UTM or lat-long)	NAD:	Zone:	UTM-E:	UTM-N:
	Latitude:		Longitude:	
Photos 1:		Photos 2:		Photos 3:
Additional notes or details:				
Michael A. Schroeder, Michael.schroeder@dfw.wa.gov , 509-686-2692, 509-670-8838				

General header information

Observer: The primary observer should be identified by full name

e-mail: Provide the observer's e-mail address.

Phone 1: Provide the observer's phone number.

Phone 2: Provide a second number for the observer, if there is one.

Additional observers: List the names of additional observers.

Day: List the day of the month.

Month: List the number for the month of the survey.

Year: List the year (full 4 digits).

Time: List the time with a 24-hour clock (e.g., 13:30 = 1:30 PM).

Location details

Accuracy (meters): Provide the estimated GPS accuracy in meters.

Specific location (UTM or lat-long): Provide a specific location for the center of the survey plot using a GPS unit or smartphone. If the location is recorded as a UTM coordinate, the North American Datum (NAD – should appear in the 'settings for your GPS unit), zone (always zone 11 for Swanson Lakes Wildlife Area), UTM-E (UTM easting), and UTM-N (UTM northing) should be recorded (for example, 395627 east and 5275124 north). If the location is recorded as a latitude-longitude (lat-long), each coordinate should be recorded as accurately as possible, preferably using degrees and decimals, rather than degrees, minutes, and seconds.

Photo details

Note: It will be helpful to have a permanent record of what the plot looked like when you did your sampling. In most wetland ecosystems this can be accomplished by taking up to 3 digital photographs while standing at the designated edge of the ecosystem. Generally use the widest angle possible (usually the default setting) and try to hold the camera about 1.5 meters above the ground (normal height while standing). Frame the photos so that the horizon is about $\frac{3}{4}$ up from the bottom of the photo (not including trees). Take representative photos of the system, not necessarily at standard directions. When you upload the images it is preferable to rename each of the files with the Wildlife Area abbreviation provided followed by the plot number and the compass direction (for example: SLWA36_225.jpg). An example of an appropriate photo follows.



Photos 1, 2, and 3: Upload 1-3 photos for each wetland site.

Additional notes

Note: Record other items that did not fit in specific categories. This is also an opportunity to mention specific issues related to the ecosystem plot. For example, it would be useful to mention sources of disturbance such as the presence of livestock.